

In the Claims

Please amend the claims as follows:

1. (original) An image capture device, comprising:
an illumination source;

5 a thermal model of said illumination source that
determines a temperature of said illumination source;
a light output model of said illumination source that
determines a light output of said illumination source from
said temperature; and,

10 an exposure adjustment that is changed to compensate for
changes in said illumination source as indicated by said model
output.

2-7. (cancelled)

8. (original) A method of compensating for changes in an
15 illumination source, comprising:

determining a temperature of said illumination source;
determining a light output of said illumination source
from said temperature; and, adjusting an exposure to
20 compensate for changes in said illumination source as
indicated by said light output.

9-12. (cancelled)

13. (original) An article of manufacture comprising a
program storage medium having computer readable program code
means embodied therein for causing the adjustment of an
25 exposure, the computer readable program code means in said
article of manufacture comprising:

computer readable program code means for causing a

computer to determine an indication of a temperature of an illumination source;

5 computer readable program code means for causing a computer to determine an indication of brightness of said illumination source from said indication of said temperature; and,

computer readable program code means for causing said computer to adjust said exposure based on said indication of said illumination sources brightness.

10 14-19. (cancelled)

20. (original) An image capture device, comprising:
illumination means;

15 thermal modeling means, said thermal modeling means producing a thermal modeling means output that is indicative of said illumination means temperature;

20 brightness modeling means, said brightness modeling means producing a brightness modeling means output that is indicative of said illumination means brightness; and, exposure adjustment means for changing and exposure to compensate for changes in said brightness of said illumination means as indicated by said brightness modeling means output.

21-26. (cancelled)